INCORPORATES
PBY-1 BU. AER. CHG. #131
PBY-2 " " " # 31

	SUPPLIES & EQUIPMENT CLASSIFICATION		
LET	ALTERATION	DATE	BY
G	TRACED		
H	ADDED CUTOUT IN -26 (C.O.7586)	10-5-38	
J	REPLACED -14 & -15 WITH -18 & -19 INCREASING B/M FOR -18 & -19 FROM 1 EA. TO 2 EA. ADDED -31 & -32 REPLACING -24 & -25 FOR PBY-5. ADDED -55 ASSEM. & PBY-5 REQ'MTS.	11/21/39	
K	PARTS -26-3 WERE 30, FOR -26-3 ADDED H.T. NOTE & MTL. NOTE FOR ST (E.O.19061)	10-31-41	
L	REMOVED -26, -28, -31 & -32 (E.O.38041)		
M	ON FACE OF DWG REPLACED -18 & -19 (1 PLACE) WITH -33 & -34. IN B/M FOR -55 ASSY -18 & -19 (1) EA WAS (2) EA. ADDED TO B/M -33 & -34 (1) EA FOR -55 ASSY. REVISED MAT'L NOTE: TO READ "PART NO'S -4 TO -34 INCL. ETC ... (WAS "PART NO'S -4 TO -32 INCL. ETC ..). ADDED NOTE "CUTOUTS ---- ONLY" NO WT. CHG. (E.0A55044)	11-27-44	

CUT-OUT FOR RUDDER LOCK CONTROL CABLES L.H. SIDE ONLY.

$3\frac{7}{16}$ $3\frac{7}{16}$ $3\frac{7}{16}$ $4\frac{3}{8}$ $7\frac{27}{64}$ $7\frac{27}{64}$ $7\frac{27}{64}$ $7\frac{27}{64}$ $7\frac{27}{32}$ $7\frac{27}{64}$ $40\frac{5}{8}$ $53\frac{17}{32}$ R 56 $\frac{7}{8}$ 20 6 6 6 6 6

(H) (L) (-26) (-27) (-28) L.H. (-29) R.H. PBY-1,2,3 & 4 (-31) L.H. (-32) R.H. (-20) L.H. (-21) R.H. (-18) L.H. (-19) R.H. (-16) L.H. (-17) R.H. (-14) L.H. (-15) R.H. PBY-1,2,3 & 4 (-33) L.H. (-34) R.H. -55 ASSEM (-12) L.H. (-13) R.H. (-10) L.H. (-11) R.H. (-8) L.H. (-9) R.H. (-6) L.H. (-7) R.H. (-4) L.H. (-5) R.H.

Q4305-D4 RIVETS EQUALLY SPACED AS SHOWN

VIEW 'A'

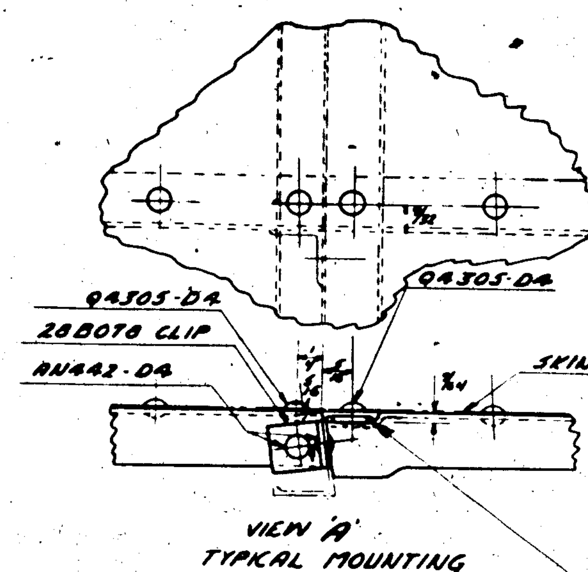
ROUND OFF CORNERS

CUTOUTS IN -14 & -15 ONLY (M)

POINT OF TANGENCY BETWEEN DECK AND CHINE RADII

POINT OF TANGENCY BETWEEN CHINE RADII AND BOTTOM

℄ HULL



VIEW 'A'
TYPICAL MOUNTING

DETAIL -30 SCALE 12"=1'0"
MADE FROM AL ALLOY SHT (24ST) SPEC 47A1A COND 'T'

(M) STIFFNERS
PART NO'S -4 TO -34 INCL'S.
(K) $\frac{9}{16}$ x $\frac{9}{16}$ x .040 AL EXTR. ANGLE ALCOA DIE #K-6240, H.T. SR-53.

CUT STIFFNERS ½ LONGER THAN SHOWN AND FIT ON ASSY.

(K) PART NO'S -2 & -3 ALCOA DIE NO. K6240 MATERIAL AL ALLOY 24ST. HEAT-TREAT NONE.

FOR'D



STATION	A	B	C	D	E	F	G
ANGLE	0°	0°	1°	1°	3°	3°	7½°

STIFFENER INSTALLATION STA 7125
PORT SIDE
LOOKING FORWARD

FINISH:
2-P-RAW ON PBY-1
2-P-AL ON PBY-2 & FUTURE

Q4305-D4					
AN442-D4					
28B078	37	37	37	37	37
-30	37	37	37	37	37
-29	1	1	1	1	1
-34					1
27	1	1	1	1	1
-33					1
25	1	1	1	1	
24	1	1	1	1	
23	1	1	1	1	1
22	1	1	1	1	1
21	1	1	1	1	1
20	1	1	1	1	1
19	1	1	1	1	1
18	1	1	1	1	1
17	1	1	1	1	1
16	1	1	1	1	1
15	1	1	1	1	
14	1	1	1	1	
13	1	1	1	1	1
12	1	1	1	1	1
11	1	1	1	1	1
10	1	1	1	1	1
9	1	1	1	1	1
8	1	1	1	1	1
7	1	1	1	1	1
6	1	1	1	1	1
5	6	6	6	6	6
4	6	6	6	6	6
3	1	1	1	1	1
2	1	1	1	1	1
STD PARTS	[illegible]	[illegible]	[illegible]	[illegible]	-55

C10496	-55	PBY-5	28B1000	1
C91876	-55	PBY-5	28B6400	1
	-55	28-5MA	28B1000	1
	-55	28-5MC	28B1000	1
	-55	28-5ME	28B1000	1
	-55	28-5MN	28B1000	1
	-55	28-5[illegible]	28B5500	1
	-55	PBY-5A	28B5500	1
	-55	28-5AMN	28B5500	1
		PBY-4	28B1000	
		PBY-3	[illegible]	
		PBY-2	[illegible]	
		PBY-1	[illegible]	
		XP3Y-1	[illegible]	
	-55	PBY-5B	28B[illegible]	1
	DN.	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

L.C.W.

H 58

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

APPROVED 5-20-37 DATE
CALC WT 4/8 ACT WT A/S
SCALE ¼"=1'-0"
AC
NAVY NOTED
MATERIAL
SPEC NOTED
HEAT TREAT NOTED
FINISH NOTED
MAT.
DRAFT CHECK EXAM ENG
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME STIFFNER INSTAL HULL-STA 7125
OPP. HAND
J 28B085